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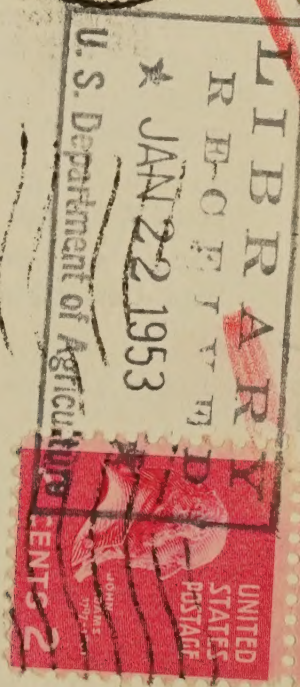
Perennial Gardens

P. O. Box 37

Garden City, Michigan

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M.S. Dept of Agriculture
Washington, D.C.*



SEEDS OF NATIVE PLANTS

Crop of 1952

All seeds are 25c per packet or any five for \$1.00, except gentiana crinita and gentiana andrewsii alba are 50c per packet or three of each for \$1.00. All are postpaid. Residents of Michigan add 3% sales tax.

Actaea rubra Red Baneberry. Small white flowers followed by red fruit, 2'. Sh.

Allium cernuum Nodding Onion. Nodding lilac flowers. July, 1'. S.

Aquilegia brevistyla Small flowered blue and white columbine. June-July, 1' S.

Aquilegia canadensis American Columbine, red and yellow, May-June, 1-3' S or L, Sh.

Aquilegia chrysantha Golden Columbine. Long spurred yellow flowers, May-June, 2-3' S or L, Sh.

Arisaema triphyllum Jack-in-the-Pulpit. Named for odd shaped flower, 1-2' Sh.

Artemisia frigida Mountain Fringe, velvety-silvery mounds to 4 in., S.

Asclepias tuberosa Butterfly weed, showy orange flowers, June-August, 2', S.

Baptisia australis Blue wild Indigo, blue flowers in terminal racemes, June, 3-6', S.

Callirhoe involucrata Wine Poppy, rose-purple, spring till frost. Beautiful trailer, S.

Camassia quamash Blue Camas, blue, May-June, 19", S.

Campanula rotundifolia Blue Bells of Scotland, blue, June till frost, 15", S or Sh.

Cassia marilandica Wild Senna, bright yellow flowers, July-August, 3-4", S.

Chelone glabra White Turtlehead, white, August-Sept., moist or garden conditions, 2-4', S.

Cimicifuga racemosa Cohosh Bugbane, small white flowers on elongated racemes, summer, 4-6', Sh.

Clintonia borealis Blubead, leaves in rosette, dark blue fruit, 6-8", moist shade.

Cornus canadensis Bunchberry, beautiful ground cover in flower or fruit, 6", L. Sh.

Corydalis sempervirens Pink Corydalis, Bien, very showy first year rosette, 1' S or L, Sh.

Dicentra formosa Western Bleeding Heart, heart-shaped, rose-colored flowers, April-September, 9-18", L. Sh.

Eriophyllum lanatum Oregon Sunshine, neat compact gray-green foliage, yellow, 1', S.

Eupatorium purpureum Joe-pye-weed, pink flowers in large terminal plume, autumn, 4-8', S.

Gentiana andrewsii Closed Gentian, closed blue flowers, Sept.-Oct, moist or garden conditions, 1-1½', S or L. Sh.

Gentiana andrewsii alba Similar but white, very rare.

Gentiana crinata Fringed Gentian, Bien, possibly most sought for blue flower of North America, August-October, 1-2', S or L. Sh.

Heliopsis laevis picheriana, yellow daisy-like blooms in August, 3', S.

Heuchera americana American Alum Root, flower greenish, June. Beautiful mottled foliage, semi-evergreen, 1-2', L. Sh.

Hydrastis canadensis Golden Seal, white flowers, April-May, red fruit, July-August, 12-15", Sh.

Liatris scariosa Button Gayfeather, rose-purple, August, dry location, 3-5', S.

Liatris spicata Spike Gayfeather, long spikes of rose purple flowers, July-September, 5-6', S.

Lilium michiganense Michigan Lily, orange-red, June-July, 4-8', S or L. Sh.

Lobelia cardinalis Cardinal Flower, bright red, July-October, moist or garden conditions, 3-5', S.

Lobelia siphilitica Blue Lobelia, blue flowers, July, moist or garden conditions, 2', S.

Mimulus ringens Monkey Flower, violet-blue, June-Sept., moist or garden conditions, 1-3 ft., S.

Oenothera missourensis Missouri Primrose, 4 in. yellow flowers, June-August, Prostrate, S.

Opuntia humifusa (vulgaris) Prickly Pear, yellow flowers, July. Spiny-thickened leaves. Prostrate, S.

Parnassia glanca (caroliniana) Grass-of-Parnassus, white flowers, August. Moist location, 1½', S.

Polemonium reptans Greek Valarian, bright blue flowers, April-May, moist or garden conditions, 9-12", S. or L. Sh.

Polygonatum commutatum Large Solomon Seal, nodding greenish flowers followed by dark blueberries, 3-5', L. Sh.

Rudbeckia hirta Black-eyed-Susan, Bien, showy yellow, brown centered flowers, summer and early fall, 1-2', S.

Sanguinaria canadensis Bloodroot, pure white flowers, April-May, 6-12", L. Sh.

Scutellaria resinosa Dwarf Sculcap, neat long blooming plant, blue and white, 8-10", S.

Sieversia turbinata (Geum Rossii) Finely cut green or purplish foliage, 10", S.

Stokesia laevis Stokes Aster, blue or blue-white, 3-4 in. across, July-August, 1-2', S. or L. Sh.

Thermopsis carolina Aaronsrod, yellow flowers in terminal racemes, May-June, 3-5', S.

Trientalis borealis American Star-flower, white flowers, spring, 6", Sh.

Verbena bipinnatifida Small-flowered Verbena, lilac, late spring to fall. Prostrate, S.

Verbena canadensis Large-flowered Verbena, pink, late spring to fall. Prostrate, S.

Veronica virginica Culvers Root, tiny white flowers on terminal spikes, 4', S.

Viola villosa or *adunca* (uncertain). Neat clump of foliage, violet flowers in spring, 4-8", S.

Yucca filamentosa Common Yucca, evergreen, showy white lily-like flowers, early summer, 3-6', S.

We will fill orders for the following if ordered in advance; *anemonella thalictroides*, *Hepatica acutiloba* and *triloba*, early spring; *thalictrum dioicum*, late spring; and *thalictrum polygamum*, late summer. To germinate, these seeds must be planted while fresh.

Shrub Seeds

Arctostaphylos uva-ursi-Bearberry. Trailing evergreen shrub. Red fruit in August, remaining all winter, fine with rhododendrons, S. or L. Sh.

Nemopanthus mucronata Mountain Holly, flowers in May, crimson-red fruit in August, 6-12', moist shade.

Viburnum opulus var *Americanum* Highbush Cranberry, interesting in flower, beautiful in fruit and fall colors, fruit used as cranberries and jelly, 6-12', S.

Seeds of Cultivated Plants

Dianthus latifolius atrococcineus, ever-blooming Oriental Sweet William, crimson, all summer, 18", S., 35c per packet.

Platycodon Chinese Bellflower, new double white, summer, 15-20". Well drained loose soil, S., 50c per packet.

Please name one alternate. Some items are in short supply.

Planting Directions

As a general rule seeds formed early in the season should be planted at once. Those formed late summer or fall should be planted late fall or during an open period during the winter to give them the freezing and thawing necessary for many of them to germinate.

Many of our plants are grown from seeds planted directly in the ground. Our seed beds are five feet wide and run from east to west. The portion of bed containing seedlings that require shade is covered by lattice running north and south. The lattice is about eighteen inches above the bed. Beds laid out in this way and so covered provide a constantly changing pattern of light and shade. Additional lattice is used around and over the beds of those plants requiring more shade. The lattice not only provides shade for the young plants but also helps conserve moisture and protects against strong winds. The ground is also kept cooler under the lattice. Germination of many species is better when the ground is kept cool.

Beds should be laid out in a well drained area or slightly raised. The soil should be of a light or loose texture. A very light mulch of sawdust, straw or other suitable material over the beds helps to conserve moisture and lessen erosion from either wind or rain. The mulch also aids in preventing crusting.

After planting the beds should be kept moist, not wet.

Best success will be had with small quantities of seed by planting in flats or tin cans filled with sphagnum moss. (We use five quart cans obtained at gas stations, cut down to five inches. Holes are punched in bottom for drainage). Cover larger seeds with moss but merely sprinkle fine seeds over the moss. For complete instructions, see Leaflet No. 243 U.S.D.A. (obtained from Supt. of Documents, Washington D. C., 5c).

We have had good results using vermiculite and a complete fertilizer instead of moss. Our first choice of these two mediums remains the sphagnum.

Fringed Gentian is best broadcast in a suitable habitat where it will not require transplanting. Another alternative is planting in plant bands. It germinates easily, but is difficult to transplant successfully.